

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1130	microneedle	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 15:51
S2	52540	dialysis	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 18:44
S3	1130	microneedle	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 18:44
S4	114	S2 and S3	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 18:56
S5	0	S2 and "L23" and "600".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 18:54
S6	16	S4 and "600".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 13:18
S7	0	500/345.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 18:55
S8	406	600/345.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 18:55
S9	0	S4 and S8	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 18:55
S10	15	S6 and glucose	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 18:55
S11	6	S2 same S3	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 18:56
S12	6	S11 and glucose	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 18:56
S13	6	out with of with plane	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 12:41
S14	5865	out-of-plane	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 12:42
S15	52652	dialysis	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 16:40

## EAST Search History

S16	1133	microneedle	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 12:42
S17	114	S15 and S16	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 15:37
S18	16	S17 and "600".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 12:42
S19	1	S18 and S14	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 12:42
S20	20	("239025" "448107" "452979" "453109").ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 13:19
S21	2	S16 and S20	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 13:19
S22	3	((("5640954") or ("6013029") or ("6091976"))).PN. or (2003/0143746). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/08 14:51
S23	77	("2893392"   "3034507"   "3086530"   "3123212"   "3136314"   "3221739"   "3221740"   "3556080"   "3596660"   "3675766"   "3918449"   "3964482"   "4109655"   "4159659"   "4222392"   "4664651"   "4671288"   "4703761"   "4771660"   "4775361"   "4798582"   "4921475"   "4969468"   "5035711"   "5054339"   "5138220"   "5147355"   "5250023"   "5279544"   "5279552"   "5335670"   "5364374"   "5383512"   "5401242"   "5457041"   "5527288"   "5582184"   "5591139"   "5599302"   "5611806"   "5611809"   "5611942"   "5618295"   "5658515"   "5697901"   "5758505"   "5801057"   "5807375"   "5843114"   "5848991"   "5855801"   "5865786"   "5865796"   "5879326"   "5885211"   "5899880"   "5911223"   "6050988"   "6080116"   "6132755"   "6334856"   "6537242"   "RE25637"). PN. OR ("6743211").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 14:53

## EAST Search History

S24	64	("2893392"   "3034507"   "3086530"   "3123212"   "3136314"   "3221739"   "3221740"   "3556080"   "3596660"   "3675766"   "3918449"   "3964482"   "4109655"   "4159659"   "4222392"   "4320758"   "4664651"   "4671288"   "4703761"   "4771660"   "4798582"   "4921475"   "4969468"   "5035711"   "5279552"   "5335670"   "5364374"   "5383512"   "5401242"   "5457041"   "5527288"   "5582184"   "5591139"   "5611806"   "5611809"   "5611942"   "5618295"   "5658515"   "5697901"   "5801057"   "5807375"   "5843114"   "5848991"   "5865786"   "5879326"   "6080116"   "6132755"   "RE25637"). PN. OR ("6611707").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 14:53
S25	3	(S24 or S23) and S15	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 14:53
S26	19	S15 and (S16 same sample)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 15:45
S27	3	((("6,663,612") or ("6,562,014") or ("6,312,612"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/08 15:47
S28	71	("2893392" "20010053891" "20020082543" "20020099356" "20030135158" "3034507" "3086530" "3123212" "3136314" "3221739" "3221740" "3556080" "3596660" "3675766" "3918449" "3964482" "4109655" "4159659" "4222392" "4320758" "4320767" "4664651" "4671288" "4703761" "4771660" "4775361" "4798582" "4921475" "4969468" "5035711" "5054339" "5138220" "5147355" "5250023" "5279544" "5279552" "5335670" "5364374" "5383512" "5401242" "5457041" "5527288" "5531870" "5582184" "5591139" "5599302" "5605662" "5611806" "5611809" "5611942" "5618295" "5632957" "5658515" "5697901" "6230051" "6334856" "6451240" "6558361" "6565532" "6671527" "6678554" "6692456" "RE25637"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 15:48

## EAST Search History

S29	40	("2522309" "20010053891" "20010053891" "20020010410" "3289675" "3964482" "4324236" "4685903" "5279544" "5569272" "5697901" "5820570" "5931794" "6020208" "6083196" "6183434" "6183434" "6230051" "6256533" "6271037" "6293925" "6329146" "6334856" "6440096" "6503231" "6537242" "6558361" "6591124" "6603998" "6611707" "6623457" "6629949" "6656147" "6695859" "6713291" "6743211" "6767341" "6780171" "6837988" "6899717").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 15:48
S30	92	("20010053891" "20020082543" "20020099356" "20030135158" "2893392" "3034507" "3086530" "3123212" "3136314" "3221739" "3221740" "3556080" "3596660" "3675766" "3918449" "3964482" "4109655" "4159659" "4222392" "4320758" "4664651" "4671288" "4703761" "4771660" "4775361" "4798582" "4921475" "4969468" "5035711" "5054339" "5138220" "5147355" "5250023" "5279544" "5279552" "5335670" "5364374" "5383512" "5401242" "5457041" "5527288" "5531870" "5582184" "5591139" "5599302" "5605662" "5611806" "5611809" "5611942" "5618295" "5632957" "5658515" "5697901" "5758505" "5801057" "5807375" "5843114" "5848991" "5852495" "5855801" "5858188" "5865786" "5865796" "5876675" "5879326" "5883211" "5885211" "5899880" "5911223" "5919159" "5983130" "6230051" "6334856" "6451240" "6558361" "6565532" "6671527" "6678554" "6692456" "6050988" "6080116" "6132755" "6312612" "RE25637").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 15:48
S31	1	2006/0084942	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 15:55
S32	1	"20060084942"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 15:55
S33	3	S15 and S16 and (S28 or S29 or S30)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 16:11
S34	24	sage-burton\$5.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 16:12

## EAST Search History

S35	4	gillett-david.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 16:12
S36	53630	dialysis or microdialysis	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 16:40
S37	303113	needle or microneedle	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 16:40
S38	1517	S36 same S37	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 16:40
S39	167	S38 and "600".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 16:40
S40	217	S38 same membrane	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 16:41
S42	102	S40 and ("600" or "604").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 16:43
S43	23072	S37 with (array or plurality)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 16:42
S44	5	S43 same S36 same membrane	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 16:42
S45	36	S43 same S36	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 16:43
S46	20	S45 and ("600" or "604").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 16:43
S47	53984	dialysis or microdialysis	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 11:09
S48	304283	needle or microneedle	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 11:09
S49	1529	S47 same S48	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 11:09
S50	219	S49 same membrane	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 11:09

## EAST Search History

S51	22	S50 and "600".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 11:32
S52	3	((("6013029") or ("6287438") or ("6572566")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/28 12:28
S53	6	"059390".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 11:52
S55	2	((("5640954") or ("6091976")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/28 12:28
S56	8	S53 or S55	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 12:29
S57	3	S56 and membrane	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 12:29
S58	5	S52 or S55	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 12:29
S59	5	S58 and membrane	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 12:29
S60	13	("4694832"   "4777953"   "4832034"   "5097834"   "5174291"   "5393401"   "5605152"   "5741233"   "5741284"   "5855801"   "6081736").PN. OR ("6572566").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 13:43
S61	9	S48 and S60	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 13:43
S62	4	S47 and S61	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 13:43
S63	4	S62 and membrane	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 13:43
S64	16	("3902970"   "4633878"   "4671288"   "5106365"   "5109850"   "5126034"   "5176632"   "5193545"   "5298022").PN. OR ("5640954").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 13:46
S65	3	S47 and S48 and membrane and S64.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 13:46
S66	9893	S48 same membrane	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 14:08

## EAST Search History

S67	4628	S48 with membrane	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 14:09
S68	908	S67 and (glucose analyte)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 14:09
S69	330	S68 and ("600".clas. or "604".clas.)\	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 14:08
S70	330	S68 and ("600".clas. or "604".clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 14:08
S71	91	S70 and S47	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 14:08
S72	93	S67 same S47	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 14:09
S73	36	S72 and (glucose analyte)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/28 14:09
S74	432	bianco.xa. or bianco.xp.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 15:51
S75	178	S74 and needle	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 15:53
S76	1713	(604/29,207,210,4.01,5.01).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/03 15:53
S77	843	S76 and membrane	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 15:56
S78	363	S77 and (needle or microneedle)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 16:43
S79	219	S78 and dialysis	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 15:54
S80	433	S76 and (membrane same (dialysis or microdialysis))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 15:56
S81	161	S80 and (needle or microneedle)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 15:56

## EAST Search History

S82	34	S76 and ((needle or microneedle) same membrane same (dialysis or microdialysis))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 16:43
S83	52	("20030100934"   "20030163147"   "3225129"   "3864248"   "3953566"   "3962153"   "4187390"   "4220153"   "4267863"   "4536018"   "4647378"   "4650466"   "4662383"   "4787921"   "4822341"   "4967765"   "5391197"   "5454374"   "5562617"   "5571169"   "5620409"   "5690115"   "5702715"   "5707332"   "5876366"   "5879320"   "5911704"   "6007516"   "6019788"   "6022335"   "6037329"   "6076529"   "6077443"   "6086573"   "6102884"   "6113570"   "6153252"   "6177049"   "6200256"   "6210393"   "6214887"   "6216041"   "6217503"   "6231587"   "6261255"   "6308737"   "6319465"   "6323184"   "6361531"   "6387116"   "6398764").PN. OR ("7144381").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 16:42
S84	986	(210/645,646).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/03 16:42
S85	275	S84 and (needle or microneedle)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 16:43
S86	201	S84 and (needle or microneedle) and membrane and dialysis	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 16:43
S87	36	S84 and ((needle or microneedle) same membrane same (dialysis or microdialysis))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 17:42
S88	0	S87 and microneedle	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 16:44
S89	0	S87 and microdialysis	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 16:44
S90	20	S87 not S82	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 17:42
S91	3087	((604/5.04,6.09) or (210/195.2,321.75-321.8,348+,500.1,500.21)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/03 17:42
S92	23	S91 and ((needle or microneedle) same membrane same (dialysis or microdialysis))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 17:43



## EAST Search History

S93	13	S92 not (S87 or S82)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/03 17:43
S94	1	("20030135158").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:24
S95	1	("20030135158").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/22 11:24
S96	1	S95 and glucose	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 11:24
S97	379	(microneedle or microdialysis) same array	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 15:03
S98	39	S97 and "600".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 15:03
S99	11	(US-20060084942-\$ or US-20050261632-\$ or US-20040186419-\$ or US-20020099356-\$ or US-20020028991-\$ or US-20020006355-\$).did. or (US-7141034-\$ or US-7047070-\$ or US-6690959-\$ or US-6603987-\$ or US-6537242-\$).did.	US-PGPUB; USPAT	OR	ON	2007/01/22 15:47
S10 0	0	S99 and (dialysis or microdialysis) and (array same (at adj least))	US-PGPUB; USPAT	OR	ON	2007/01/22 15:08
S10 1	123	(dialysis or microdialysis) and (array same (at adj least))	US-PGPUB; USPAT	OR	ON	2007/01/22 16:15
S10 2	5	((dialysis and microneedle) or microdialysis) and (array same (at adj least))	US-PGPUB; USPAT	OR	ON	2007/01/22 16:50
S10 3	3704	(dialysis adj membrane) and (polymer or gel)	US-PGPUB; USPAT	OR	ON	2007/01/22 15:47
S10 4	628	(dialysis adj membrane) with (polymer or gel)	US-PGPUB; USPAT	OR	ON	2007/01/22 15:47
S10 5	6	S104 and "600".clas.	US-PGPUB; USPAT	OR	ON	2007/01/22 16:14
S10 6	16574	dialysis and plant	US-PGPUB; USPAT	OR	ON	2007/01/22 16:15
S10 7	442	(dialysis or microdialysis) same plant	US-PGPUB; USPAT	OR	ON	2007/01/22 16:15
S10 8	405	((dialysis and microneedle) or microdialysis) and plant	US-PGPUB; USPAT	OR	ON	2007/01/22 17:57

## EAST Search History

S109	69	S108 and "600".clas.	US-PGPUB; USPAT	OR	ON	2007/01/22 16:15
S110	3	((dialysis and microneedle) or microdialysis) same plant	US-PGPUB; USPAT	OR	ON	2007/01/22 16:16
S111	4	"903672".ap.	US-PGPUB; USPAT	OR	ON	2007/01/22 16:16
S112	12985	detect\$3 with polymer	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 16:50
S113	32	((dialysis and microneedle) or microdialysis) and S112	US-PGPUB; USPAT	OR	ON	2007/01/22 16:52
S114	3	S113 and "600".clas.	US-PGPUB; USPAT	OR	ON	2007/01/22 16:52
S115	30	(US-20040168969-\$ or US-20060211933-\$ or US-20050209518-\$ or US-20050137536-\$ or US-20060155236-\$ or US-20030014003-\$ or US-20060138049-\$ or US-20050208648-\$ or US-20030208113-\$ or US-20030135201-\$ or US-20030109807-\$ or US-20030143746-\$ or US-20060025717-\$ or US-20040009096-\$ or US-20040086638-\$ or US-20030135158-\$ or US-20020006355-\$ or US-20060084942-\$ or US-20010016682-\$).did. or (US-6572566-\$ or US-5035711-\$ or US-6743211-\$ or US-6287438-\$ or US-5176632-\$ or US-5298022-\$ or US-7144381-\$ or US-5640954-\$ or US-6611707-\$ or US-6603987-\$ or US-7048856-\$).did.	US-PGPUB; USPAT	OR	ON	2007/01/22 17:37
S116	27	S115 and membrane	US-PGPUB; USPAT	OR	ON	2007/01/22 18:18
S117	105	((dialysis and microneedle) or microdialysis) and (membrane near3 (enzyme or catalyst))	US-PGPUB; USPAT	OR	ON	2007/01/22 18:03
S118	28	S117 and "600".clas.	US-PGPUB; USPAT	OR	ON	2007/01/22 17:58
S119	30	((dialysis and microneedle) or microdialysis) and (membrane near4 (enzyme or catalyst)) and "600".clas.	US-PGPUB; USPAT	OR	ON	2007/01/22 18:05

## EAST Search History

S12 0	2	S119 not S118	US-PGPUB; USPAT	OR	ON	2007/01/22 18:04
S12 1	35	(dialysis) and (membrane near4 (enzyme or catalyst)) and "600".clas.	US-PGPUB; USPAT	OR	ON	2007/01/22 18:05
S12 2	29	S121 not S119	US-PGPUB; USPAT	OR	ON	2007/01/22 18:05
S12 3	6927	(membrane near disrupt\$4) or (cell near2 ruptur\$3)	US-PGPUB; USPAT	OR	ON	2007/01/22 18:18
S12 4	41	S123 and microneedle	US-PGPUB; USPAT	OR	ON	2007/01/22 19:01
S12 6	2	S124 and "600".clas.	US-PGPUB; USPAT	OR	ON	2007/01/22 18:19